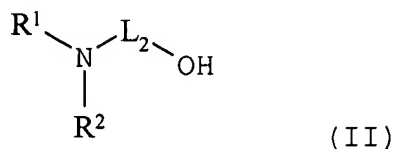


CLAIMS LISTING

1. (previously presented) An ink jet recording material comprising a support and at least one ink receiving layer containing a water-soluble or water-dispersible polymer, wherein said polymer comprises a repeating monomeric unit having a moiety capable of chelating boric acid by means of at least one nitrogen containing functional group and at least one hydroxyl group thereby forming a five- or six-membered ring and wherein said repeating monomeric unit represented by formula (II):



wherein,

R¹ is selected from the group consisting of a substituted saturated aliphatic group, an unsubstituted saturated aliphatic group, a substituted unsaturated aliphatic group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;

R^2 is selected from the group consisting of hydrogen, a substituted or unsubstituted, saturated or unsaturated aliphatic group, a substituted or unsubstituted aryl group, and a substituted or unsubstituted heteroaryl group;

L_2 represents a linking group containing two or three carbon atoms which may be further substituted or may be part of a ring;

any of L_2 , R^1 and R^2 may combine to form a ring, and at least one of L_2 , R^1 and R^2 comprises an ethylenically unsaturated polymerizable group.

2. (previously presented) Ink jet recording material according to claim 1 wherein said linking group L_2 contains two or three straight chain carbon atoms which may be further substituted or may be part of a ring.

3. (previously presented) Ink jet recording material according to claim 2 wherein any of L_2 , R^1 and R^2 is substituted by one or more groups comprising one or more additional hydroxyl group, amino groups and amide groups.

4. (previously presented) Ink jet recording material according to claim 2 wherein said polymer comprises at least one other repeating monomeric unit chosen from the list consisting of vinyl acetate, vinyl alcohol, dimethylaminoethyl methacrylate, vinyl amine, vinyl formamide, vinylacetamide, diallyl amine, vinyl versatate, butyral acrylate, styrene, dimethylaminoethyl acrylate, methacryloxyethyltrimethyl ammonium chloride, ethylacrylate, butylmethacrylate, styrene, methyl methacrylate, butyl acrylate, 2-ethylhexyl methacrylate, vinyl amine, diallyldimethyl ammonium chloride, 2-ethylhexyl acrylate, methacryloxyethyldimethylbenzylammonium chloride, acryloxyethyldimethyl benzyl ammonium chloride, vinyl caprolactam and vinyl pyrrolidone.
5. (previously presented) Ink jet recording material according to claim 2 wherein said polymer is a latex.
6. (previously presented) Ink jet recording material according to claim 2 wherein said polymer is a copolymer with at least one other monomer.

7. (previously presented) Ink jet recording material according to claim 2 wherein said ink receiving layer further comprises a pigment.

8. (original) Ink jet recording material according to claim 7 wherein said pigment is an inorganic pigment.

9. (original) Ink jet recording material according to claim 8 wherein inorganic pigment is chosen from the group consisting of aluminum oxide, boehmite, pseudo-boehmite, gibbsite, bayerite, aluminum hydroxide, silica, clay, calcium carbonate, zirconia, and mixed inorganic oxides/hydroxides.

10. (previously presented) Ink jet recording material according to claim 2 wherein said ink receiving layer further contains a hardener capable of crosslinking said polymer.

11. (original) Ink jet recording material according to claim 10 wherein said hardener is boric acid.

12. (canceled)

13. (previously presented) Ink jet recording material according to claim 1, wherein L_2 is selected from the group consisting of $-CH_2CH_2-$, $-CH_2CH_2CH_2-$, $-CH_2CH(CH_3)-$, $-CH(CH_3)CH_2-$, $-CH_2CH(CH_2OH)-$, $-CH(CH_2OH)CH_2-$, $-CH=CH-$, $-CH=CHCH_2-$, $-C\equiv CCH_2-$, $-CH_2CH=CH-$, $-CH_2C\equiv C-$, $-CH=C(CH_3)-$ and $-C(CH_3)=CH-$.

14. (previously presented) Ink jet recording material according to claim 1 wherein any of L_2 , R^1 and R^2 is substituted by one or more groups comprising one or more additional hydroxyl group, amino groups and amide groups.

15. (previously presented) Ink jet recording material according to claim 1 wherein said polymer comprises at least one other repeating monomeric unit chosen from the list consisting of vinyl acetate, vinyl alcohol, dimethylaminoethyl methacrylate, vinyl amine, vinyl formamide, vinylacetamide, diallyl amine, vinyl versatate, butyral acrylate, styrene, dimethylaminoethyl acrylate, methacryloxyethyltrimethyl ammonium chloride, ethylacrylate,

butylmethacrylate, styrene, methyl methacrylate, butyl acrylate, 2-ethylhexyl methacrylate, vinyl amine, diallyldimethyl ammonium chloride, 2-ethylhexyl acrylate, methacryloxyethyldimethyl-benzylammonium chloride, acryloxyethyldimethyl benzyl ammonium chloride, vinyl caprolactam and vinyl pyrrolidone.

16. (previously presented) Ink jet recording material according to claim 1 wherein said polymer is a latex.
17. (previously presented) Ink jet recording material according to claim 1 wherein said polymer is a copolymer with at least one other monomer.
18. (previously presented) Ink jet recording material according to claim 1 wherein said ink receiving layer further comprises a pigment.
19. (original) Ink jet recording material according to claim 18 wherein said pigment is an inorganic pigment.

20.(original) Ink jet recording material according to claim 19 wherein inorganic pigment is chosen from the group consisting of aluminum oxide, boehmite, pseudo-boehmite, gibbsite, bayerite, aluminum hydroxide, silica, clay, calcium carbonate, zirconia, and mixed inorganic oxides/hydroxides.

21.(previously presented) Ink jet recording material according to claim 1 wherein said ink receiving layer further contains a hardener capable of crosslinking said polymer.

22.(original) Ink jet recording material according to claim 21 wherein said hardener is boric acid.

23-34.(canceled)

35.(previously presented) An ink jet recording material comprising a support and at least one ink receiving layer containing a water-soluble or water-dispersible polymer, wherein said polymer comprises a repeating monomeric unit having a moiety capable of chelating boric acid by means of at least one nitrogen containing functional group and

at least one hydroxyl group thereby forming a five- or six-membered ring wherein said monomeric unit is represented by a monomeric unit selected from the group consisting of:

